



Gulf of Mexico Harmful Algal Bloom Bulletin

31 July 2007

NOAA Ocean Service

NOAA Satellites and Information Service

Last bulletin: July 25, 2007

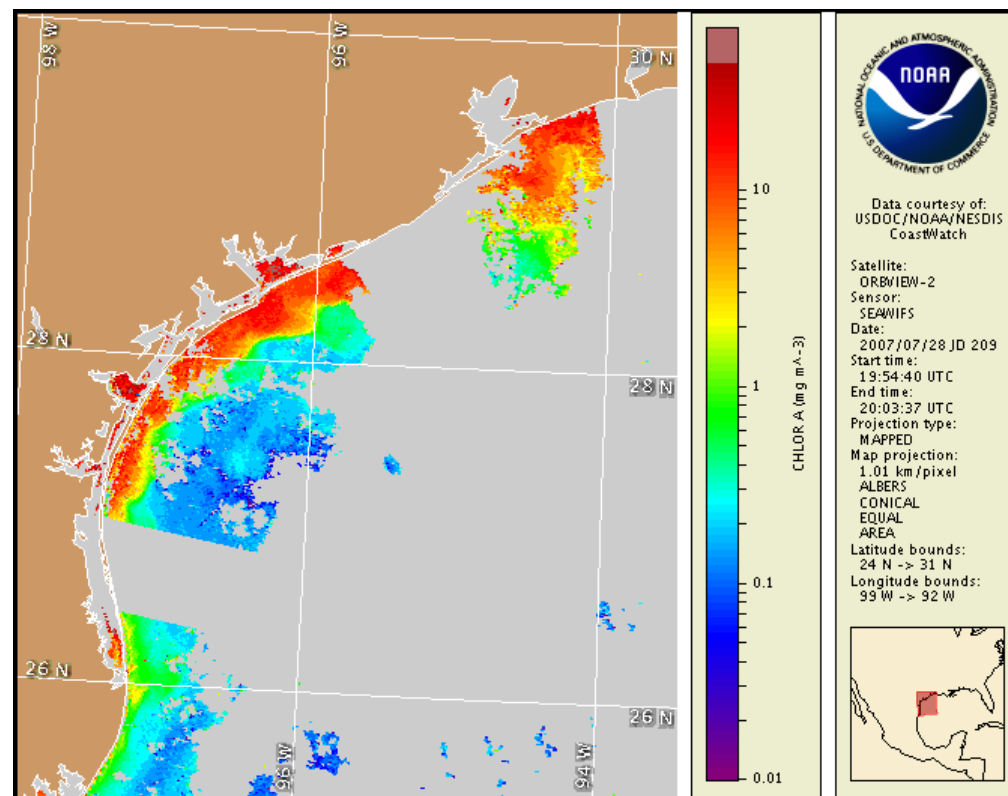
Conditions Report

There have been no recent reports of red tide. No impacts are expected along the Texas coast.

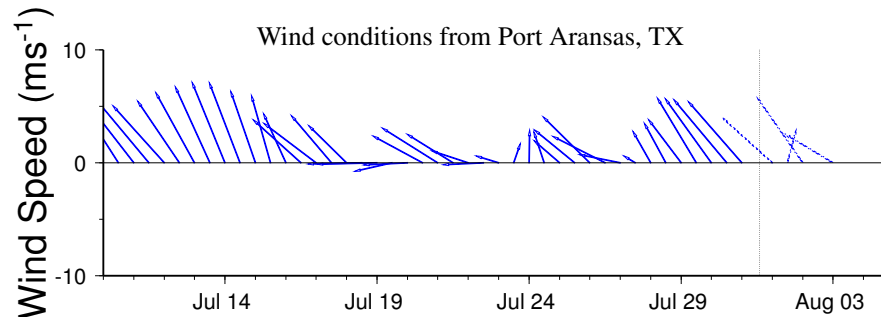
Analysis

There have been no recent reports of red tide. No impacts are expected along the Texas coast. High chlorophyll area from Matagorda Bay to Baffin Bay is likely due to resuspension caused by recent strong winds.

Lopez, Wynne



Satellite chlorophyll image with possible HAB areas shown by red polygon(s). Cell concentration sampling data from July 23-25 shown as red squares (high), red triangles (medium), red diamonds (low b), red circles (low a), orange circles (very low b), yellow circles (very low a), green circles (present), and black "X" (not present). For a list of cell count data providers and a key to the cell concentration categories, please see the HABFS bulletin guide: http://www.csc.noaa.gov/crs/habf/habfs_bulletin_guide.pdf

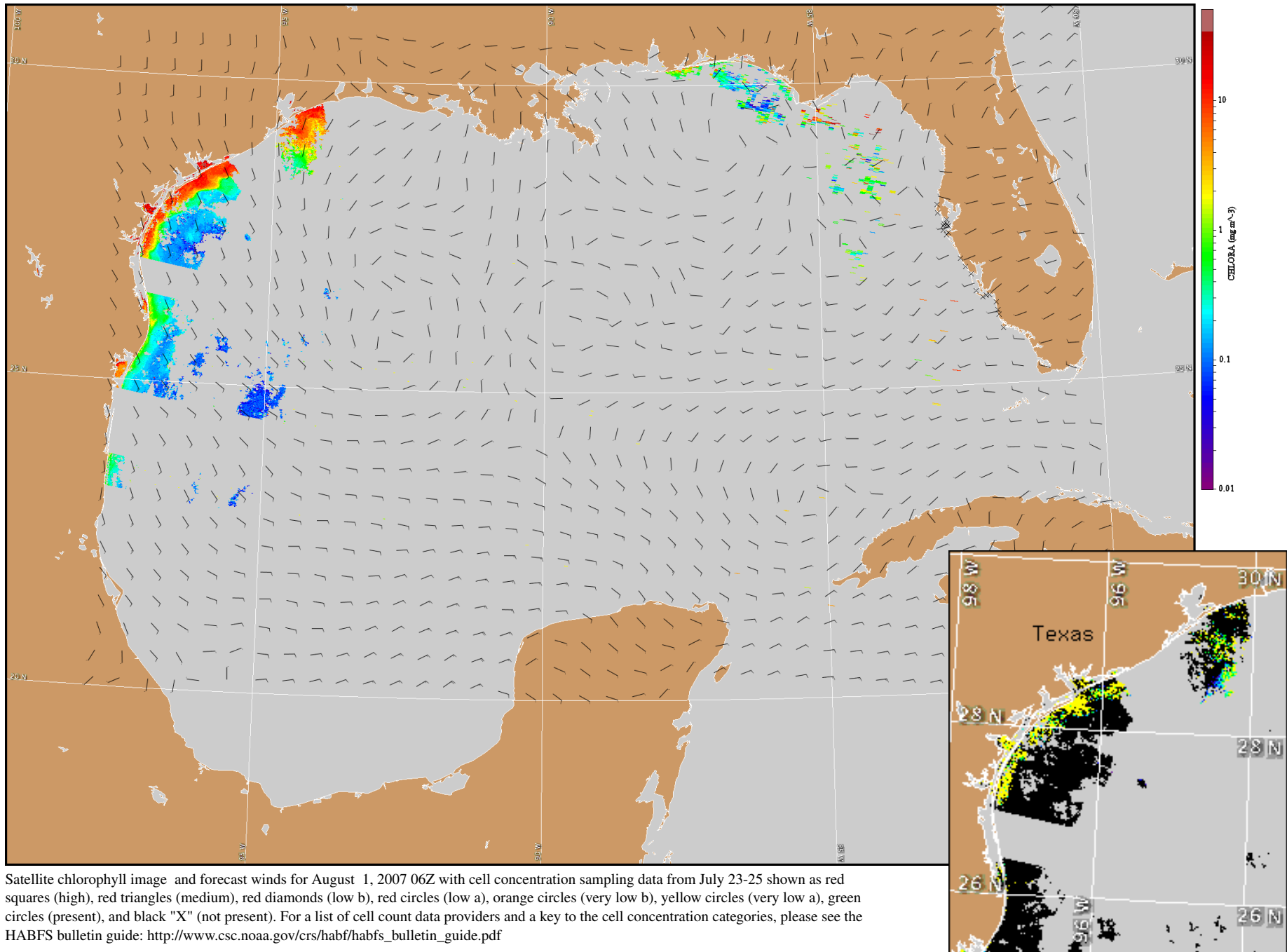


Wind speed and direction are averaged over 12 hours from buoy measurements. Length of line indicates speed; angle indicates direction. Red indicates that the wind direction favors upwelling near the coast. Values to the left of the dotted vertical line are measured values; values to the right are forecasts.

Today, southeast wind around 15 knots decreasing tomorrow to 5-10 knots. Thursday and Friday, south to southeast winds around 10 knots.

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1. Data are restricted to civil marine applications only; i.e. federal, state, and local government use/distribution is permitted.
2. Image products may be published in newspapers. Any other publishing arrangements must receive GeoEye approval via the CoastWatch Program.



Verified and suspected HAB areas shown in red. Other areas of high chlorophyll concentration shown in yellow (see p. 1 analysis for interpretation).